	Application No.	**Applicant(s)**
Notice of Allowability	09/931,965	HEDIGER ET AL.
	Examiner	**Art Unit**	
	Wei Y. Zhen	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *appeal brief filed on 10/21/2004*.

2. ☒ The allowed claim(s) is/are *1-13,15,16 and 18-23*.

3. ☒ The drawings filed on *17 August 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1)☐ hereto or 2)☐ to Paper No./Mail Date _____.

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

1.   This office action is in response to the appeal brief filed on 10/21/2004.

2.   Claims 1-13, 15-16, 18-23 are allowed.

EXAMINER'S AMENDMENT

3.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Alexander Burke, Reg. No. 40,425 on 6/16/2005. The amendment was made to clarify the

allowable subject matter.

The application has been amended as follows:

In the claims:

Please cancel claims 14 and 17.

Please amend claims 1, 16, 20, 21 and 23 as followed:

1.   (Currently amended) A data processor implemented method for automated generation of

installation instructions for an executable software application, comprising:

a.   retrieving template installation instruction information from a persistent

data store;

b.   deriving installation related information supporting data exchange between

different systems from configuration data associated with the application;

c.   incorporating the derived installation related information into the template

installation information to form installation instruction data; and

d.   storing the derived installation instruction data; wherein said executable software

application is an interface application enabling communication and data exchange between said

different systems, and said different systems comprise executable applications to be enabled to

communicate using installation data extracted from the configuration data, including at

least one of, (a) a communication protocol identifier and (b) communication settings for at

least one of said different systems.

16.   (Currently amended) A data processor implemented method for automated generation of

installation instructions for an executable software application, comprising:

a.   retrieving template installation instruction information from a data store, the installation

instruction information including prompt questions for answer by a user upon installation of the

application;

b.   deriving installation related information supporting data exchange between

different systems from configuration data associated with the application;

c.   incorporating the derived installation related information into the template

installation information to form installation instruction data; and

d.   presenting the installation instruction data to a user during an installation of

the application; wherein said executable software application is an interface

application enabling communication and data exchange between said different systems, and

said different systems comprise executable applications to be enabled to

communicate using installation data extracted from the configuration data, including at

least one of, (a) a communication protocol identifier and (b) communication settings for at

least one of said different systems.

20.   (Currently amended)   A user interface method performed by a data processor supporting

installation of an executable software application, comprising:

a.   initiating display of application installation instructions including prompt questions for

answer by a user upon installation of the application, the application installation instructions

being formed by:

     i.   retrieving template installation instruction information from storage,

     ii.   deriving installation related information supporting data exchange

        between different systems from configuration data associated with

        the application, and

     iii.   incorporating the derived installation related information into the

        template installation information to form the application installation

        instructions; and

b.   installing the executable software application in response to user command

received via the displayed prompt questions; wherein said executable software application is an

interface application enabling communication and data exchange between said different systems,

and said different systems comprise executable applications to be enabled to

communicate using installation data extracted from the configuration data, including at

least one of, (a) a communication protocol identifier and (b) communication settings for at

least one of said different systems.

21.   (Currently amended)   A user interface method performed by a data processor supporting

automated generation of installation instruction documentation for an executable software

application, comprising:

a.   initiating display of application installation instructions formed by:

i.   retrieving template installation instruction information from storage,

the installation instruction information including prompt questions

for answer by a user upon installation of the application,

ii.   deriving installation related information supporting data exchange

between different systems from configuration data associated with

the application, and

iii.   incorporating the derived installation related information into the

template installation information to form the application installation

instructions; and

b.   initiating display of the prompt questions for answer by a user upon

installation of the application; wherein said executable software application is an interface

application enabling communication and data exchange between said different systems, and said

different systems comprise executable applications to be enabled to communicate using

installation data extracted from the configuration data, including at least one of, (a) a

communication protocol identifier and (b) communication settings for at least one of said

different systems.

23.   (Currently amended) A system for automated generation of installation

instructions for an executable software application, comprising:

    a.   configuration data for a software interface;

    b.   a template, comprising documentation and data fields to receive one or more

        configuration data elements;

    c.   a computer system comprising a memory and a processor; and

software executable in the computer system for creating a data file containing installation

data supporting data exchange between different systems derived from configuration data

and incorporated into the template, the installation data comprising documentation of an

installation process for the software interface; wherein said executable software application is an

interface application enabling communication and data exchange between said different systems,

and said different systems comprise executable applications to be enabled to communicate using

installation data extracted from the configuration data, including at least one of, (a) a

communication protocol identifier and (b) communication settings for at least one of said

different systems.

Reasons for Allowance

4.   The following is an examiner's statement of reasons for allowance: the cited prior arts

taken alone or in combination fail to disclose, in combination with other claimed limitations,

deriving installation related information supporting data exchange between

different systems from configuration data associated with the application; incorporating the

derived installation related information into the template installation information to form

installation instruction data; and storing the derived installation instruction data; said executable

software application is an interface application enabling communication and data exchange

between said different systems, and said different systems comprise executable applications to be

enabled to communicate using installation data extracted from the configuration data, including

at least one of, (a) a communication protocol identifier and (b) communication settings for at

least one of said different systems **substantially as recited in independent claims 1, 16, 20, 21**

and 23.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for
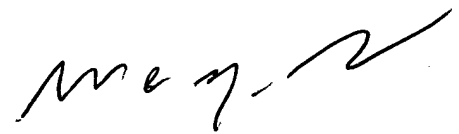
Allowance."

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Wei Y. Zhen whose telephone number is (571) 272-3708. The

examiner can normally be reached on Monday-Friday, 8 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tuan Dam can be reached on (571) 272-3695. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wei Zhen
6/22/2005

WEI Y. ZHEN
PRIMARY EXAMINER